I.   Go over last week's action item: Develop a picture of what the new system should look like

     A.   Donna Smith – RADAC Function Draft
- Functional flow in sequence of actions
- Needs to be further defined when Donna is present

     B.   Tom Taylor – 4 versions
- Basic System
- Redundant System
- Doubly Redundant system
- Original RADAC team's design to compare for historical purposes

     C.   Mark Coffman – 2 page design
- All archival data should go to one place
- Addresses real-time, near real-time and non real-time issues
- Should guarantee throughput & evaluate how long it takes to process data
- Record time data measurements are taken for comparisons and latency checking
- Data packet should be appended with a time tag of when the data is received

II.   Cards
- Use only off the shelf hardware if possible
- Port PCGDS to linux on 1 of the systems purchased for RADAC to observe problems, differences, etc…
- Port PCGDS to NT on 1 of the systems purchased for RADAC to observe problems, differences, etc…
- Study configuration management software
  - Clear Case: source code control, keeps track of compile & linker used, tracks documentation
  - Source safe

III.   Comments
- Need to be careful with data rates when filtering data
- Sammi demo on 12/3/98
- Next meeting Tuesday 12/2/98 1300hrs. N-161 2nd floor conference room

IV.   Investigating assignments for next week
- Mark – look into Linux port
- Debbie – advantages, disadvantages & available configuration management software
- All – if possible look at Kennedy's web page (11,000 page document)
  Look for charts, diagrams, and issues- -anything that triggers the mind
  http://lpsweb.ksc.nasa.gov/CLCS/sei/docs/sls/prebaseline_sls.doc

V.   Questions
- How long would it take to port PCGDS to NT or Linux?
- Where do you go to find out what is out there?
- How will CSOC affect what we do here?